

# global manual page - Built-In Commands

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 [tcl.tk/man/tcl/TclCmd/global.htm](http://tcl.tk/man/tcl/TclCmd/global.htm)

## NAME

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global — Access global variables

## SYNOPSIS

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**global** ?*varname* ...?

## DESCRIPTION

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This command has no effect unless executed in the context of a proc body. If the **global** command is executed in the context of a proc body, it creates local variables linked to the corresponding global variables (though these linked variables, like those created by **upvar**, are not included in the list returned by **info locals**).

If *varname* contains namespace qualifiers, the local variable's name is the unqualified name of the global variable, as determined by the **namespace tail** command.

*varname* is always treated as the name of a variable, not an array element. An error is returned if the name looks like an array element, such as **a(b)**.

## EXAMPLES

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This procedure sets the namespace variable **::a::x**

```
proc reset {} {  
    global a::x  
    set x 0  
}
```

This procedure accumulates the strings passed to it in a global buffer, separated by newlines. It is useful for situations when you want to build a message piece-by-piece (as if with **puts**) but send that full message in a single piece (e.g. over a connection opened with **socket** or as part of a counted HTTP response).

```
proc accum {string} {  
    global accumulator  
    append accumulator $string \n  
}
```